



TECHNICAL DATA SHEET

Standard grade

Product name	(Z)-11-Tetradecenyl acetate	Product code	EP00110
CAS No.	20711-10-8	Pheromone code	11Z-14:OAc
Molecular formula	C ₁₆ H ₃₀ O ₂	Molecular weight	254.41

Specification

Property	Specification	Method
Appearance	Clear, colourless to pale yellow liquid	Visual
Chemical purity	≥ 95.0 %	GC-FID (PEG)
Isomeric purity (11Z)	≥ 93.0 %	GC-FID (cyanopropyl), isomer-normalised

Storage and handling

Storage conditions	2–8 °C, protected from light, tightly closed	Retest period	24 months
Packaging	1 kg; 25 kg	Safety	See Safety Data Sheet

Application (literature reference)

Pheromone type	Sex pheromone
Target species	Archips strobilana; Etiella zinckenella; Adoxophyes orana; Choristoneura rosaceana
Order / family	Lepidoptera: Tortricidae; Lepidoptera: Phycitidae; Lepidoptera: Tortricidae
Crops	Tea
Reported use	Monitoring
Reported blend components	(Z)-11-tetradecenyl alcohol; (Z)-9-tetradecenyl acetate; (E)-11-tetradecenyl acetate
Reported blend ratio	(Z)-9-tetradecenyl acetate: 100:3
Key reference	doi:10.3390/insects13111056; doi:10.1016/0968-0896(96)00031-4